

What's Happening to the Boys?



*Higher Education Coordinating Board
presentation to the Washington Council for
High School – College Relations*

2003 Counselor Workshops

W A S H I N G T O N
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C O O R D I N A T I N G B O A R D

What's happening to the males in high schools?

- Not performing as well as females on WASL
- Not taking as many advanced placement classes
- Not enrolling in Running Start at same rates as females
- Lower Grade Point Averages
- Lower graduation rates
- Higher drop out rates

Percent meeting 10th grade WASL standards, by gender

	<u>Math</u>	<u>Reading</u>	<u>Writing</u>	<u>Listening</u>
Males	38%	54%	52%	72%
Females	41%	66%	69%	80%

Source: Office of the Superintendent of Public Instruction, www.k12.wa.us

Fewer males taking Advanced Placement exams

Washington Exam Participants

	Number	Percent
Males	6,950	44%
Females	9,786	56%
Total	15,736	

Source: College Board, Washington Annual Summary Report, 2002-03

Fewer males enrolled in Running Start

Fall 2001

42%

Male

58%

Female

*Source: State Board for Community and Technical Colleges, Running Start 2001-02
Annual Progress Report, December 2002*

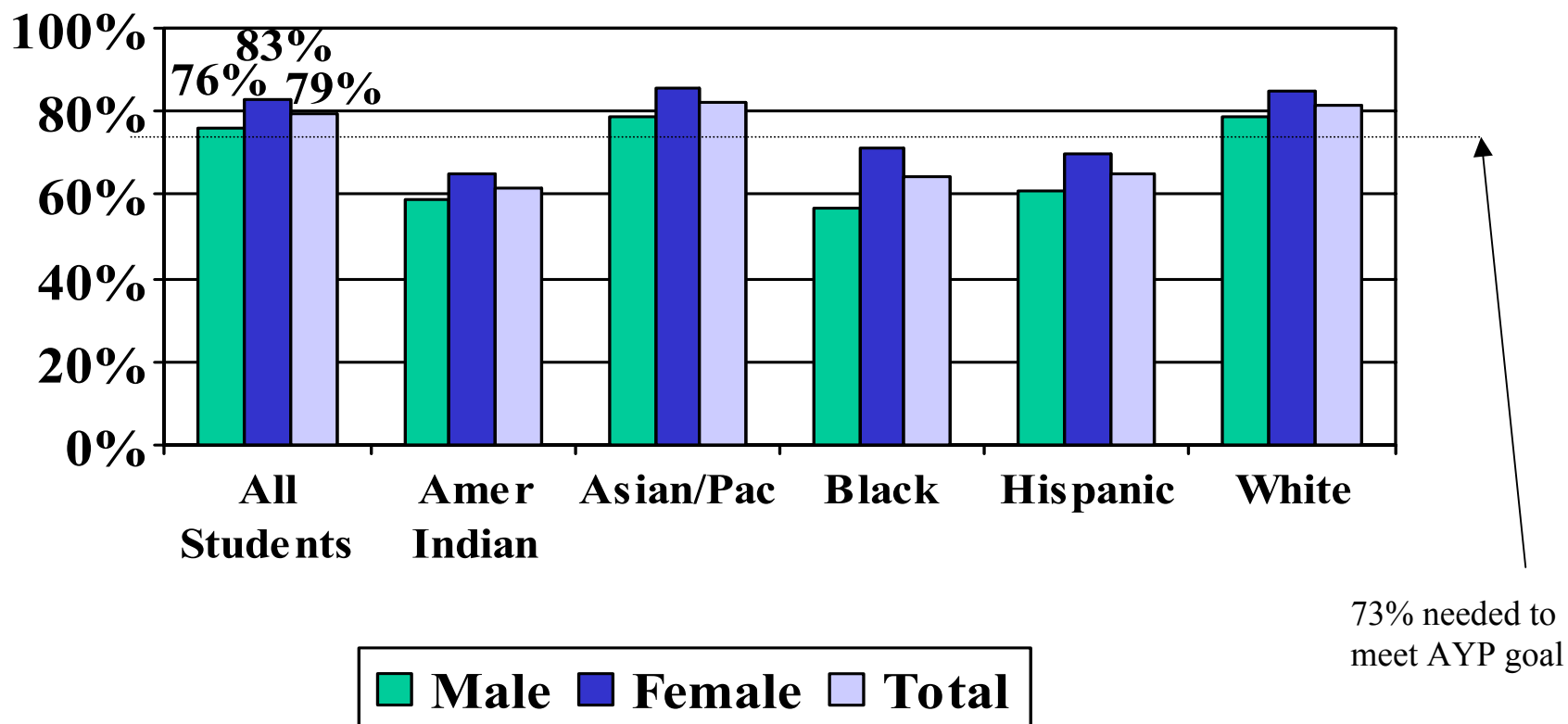
Males have lower high school grade point averages

	2003 WA SAT <u>Test Takers</u>	2003 WA ACT <u>Test Takers</u>	2003 Spokane <u>School District</u>
Male	3.31	3.39	2.60
Female	3.49	3.50	2.93

Sources: (1) College Board, *2003 College Bound Seniors*
(2) ACT, *High School Profile Report, 2003*
(3) Spokane School District, *Cumulative Grade Point Average Report*

Washington state high school graduation rates

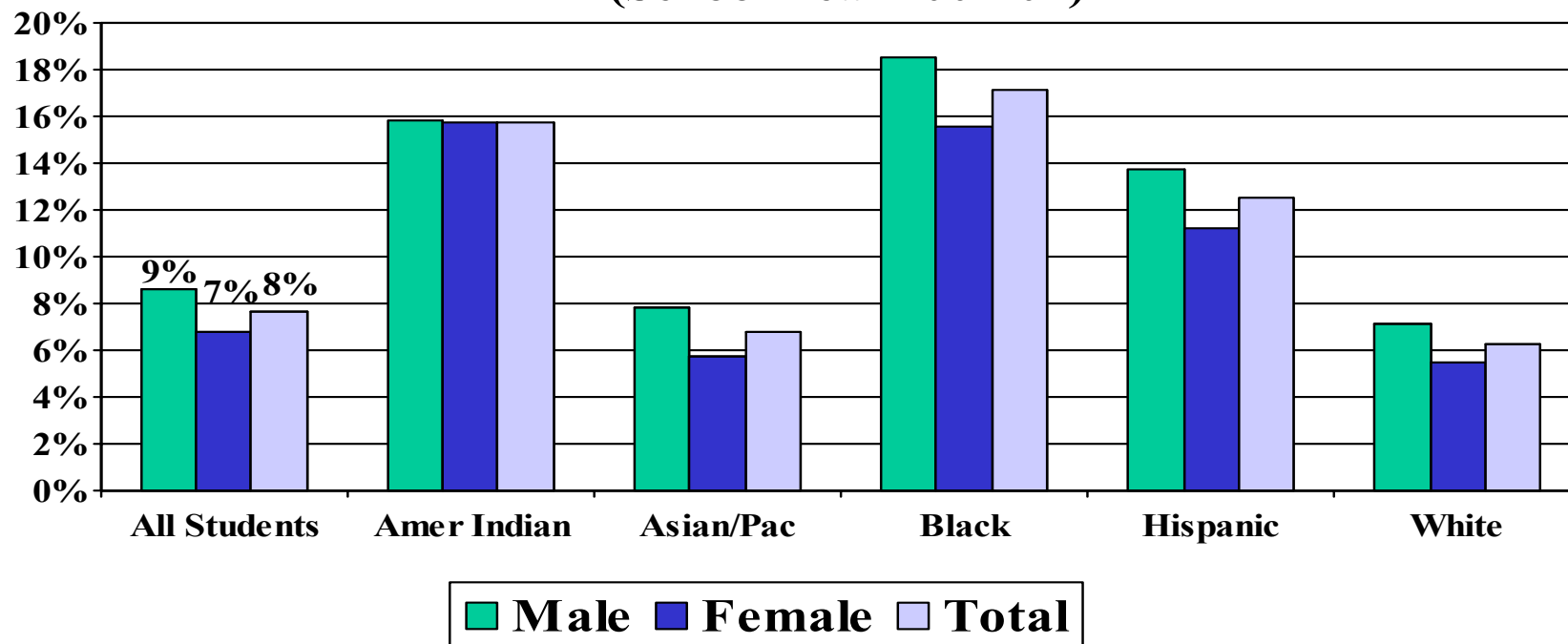
Class of 2002 Graduation Rates, by Race/Ethnicity and Gender



Source: OSPI, *Graduation and Dropout Statistics*, School Year 2001-02

Boys drop out at higher rates

**WA State Dropout Rates by Gender & Race/Ethnicity,
Grades 9-12
(School Year 2001-02)**



Source: OSPI, Graduation and Dropout Statistics, School Year 2001-02

What messages are we sending?

Are boys getting the message that they are not college material because they are less likely than girls to:

- Get good grades
- Take advanced classes
- Perform well on the WASL
- Participate in Running Start

If you can get students to
graduate from high school,
chances are good that they will
go on to college.

The majority of high school graduates will go to college

- 63% of all high school students will go on to postsecondary education within a year of graduating from high school.
- National data indicates 75% of all high school graduates will go to college within two years of high school graduation.

Source: (1) Based on *Graduate Follow-up Study, 2001*
(2) Based on National Center for Education Statistics, *Condition of Education, 1997*.

2-year and 4-year college participation

- About $\frac{1}{3}$ of high school graduates will go to a 2-year college.
- Slightly fewer than $\frac{1}{3}$ of high school graduates will go to a 4-year college.
- About $\frac{1}{3}$ of high school graduates will not go on to college.

Minimum College Preparation

For 4-year colleges:

- Complete core courses
- Take the ACT or SAT
- Submit application

For 2-year colleges:

- Open admissions
- Exams required for academic placement

Even though requirements to go to a 2-year or 4-year college vary, the preparation needed to be ready to handle college level academic work is the same for both.

What is a core curriculum?

WA <u>Minimum</u> College Admission Standards	High School Requirements *
4 years of English	3 years of English
3 years of Social Studies	2.5 years of Social Studies
3 years Math (Algebra, Geometry, advanced math)	2 years of Math
2 years Science (1 lab)	2 years Science
2 years Foreign Language	None
1 year art or elective in core	1 year art or elective

* Health, occupational education, electives, education plan, culminating project and certificate of mastery are also required.

Core course completers

- Research indicates completing core in high school is the single best predictor of baccalaureate attainment
- Even students who do poorly in core courses will have a stronger likelihood of going to and succeeding in college.
- No state data exists regarding who completes a core curriculum.

Source: Adelman, Cliff. Answers in the Toolbox, Department of Education, 1999.

Fewer men take standardized tests

WA Students who registered for the SAT I or SAT II Tests in 2003		
Male	15,925	45% *
Female	18,803	54%
Total	34,728	

Graduating seniors as of 2003 who took the ACT in Washington		
Male	3,626	38 % *
Female	5,835	61 %
Total	9,566	

** May not = 100% due to rounding*

Degree aspirations of SAT I test takers varies by gender

<u>Degree Goal</u>	<u>Male</u>	<u>Female</u>
Certificate	48%	52%
Associate Degree	41%	59%
Bachelor's Degree	50%	50%
Master's Degree	44%	56%
Doctoral Degree	38%	62%

Source: 2003 College Bound Seniors

Males are going to college at
lower rates

Fewer males enrolled at 2-year colleges in Washington

2000 Fall Headcount

	<u>Number</u>	<u>Percent</u>
Male	77,498	43%
Female	104,417	57%
Total	181,915	100%

Source: State Board for Community and Technical Colleges

Fewer males enrolled at 4-year colleges in Washington

Total 2000 Fall Headcount

	Public		Private	
	%	Total	%	Total
Male	46%	42,724	43%	16,657
Female	54%	50,097	57%	21,771
Total	100%	92,821	100%	38,428

Source: IPEDS

Fewer males at all Washington public 4-year colleges

2000 Fall Headcount

	<u>UW</u>	<u>WSU</u>	<u>CWU</u>	<u>EWU</u>	<u>TESC</u>	<u>WWU</u>
Male	47%	48%	46%	41%	43%	43%
Female	52%	52%	54%	59%	57%	57%

Source: IPEDS

Fewer males earn degrees at Washington public 4-year colleges

Washington Public 4-year Institutions 1999-2000

	<u>Bachelor</u>	<u>Master</u>	<u>Doctorate</u>	<u>Professional</u>
Male	43%	44%	57%	45%
Female	57%	56%	43%	55%

Source: IPEDS

Fewer males earn degrees at Washington private 4-year colleges

Independent 4-year Institutions
1999-2000

	<u>Bachelor</u>	<u>Master</u>	<u>Doctorate</u>	<u>Professional</u>
Male	40%	38%	29%	46%
Female	60%	62%	71%	54%

Source: IPEDS

What can we do?

- Encourage all students to take rigorous courses
- Encourage all students to take either the ACT or SAT
- Encourage all students to actually apply to a college
- Remind them of the benefit of their hard work

Education and Pay

Median Earnings in 2001

Professional Degree	\$82,421
Doctorate	\$75,182
Master's Degree	\$56,589
Bachelor's Degree	\$46,969
Associate Degree	\$36,399
Some college, no degree	\$34,340
High School Graduate	\$29,187
Less than High School	\$22,350

Source: Postsecondary Education Opportunity